



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



Home

Meetings

Members

Officers

Newsletter

E. Iowa DX Bulletin

Buy-Sell-Trade

DXCC Card Checking

About EIDXA

History

Constitution & Bylaws

DX Resources

The Eastern Iowa DX Bulletin

Number 279, June 20, 2025

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

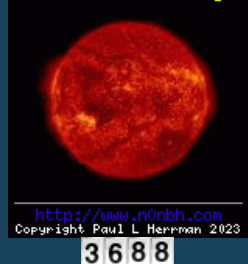
Dr. Tony Phillips' [SpaceWeather.com](#), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

21 Jun 2025 1712 GMT
SFI: 130 SN: 87
A-Index: 9
K-Index: 3
X-Ray: B6.6
304A: 122.8 @ SEM
Ptn Flx: 10
Etc Flx: 2010
Aurora: 5/n=1.99
Mag (Bz): 2.0
Solar Wind: 515.6
Geomag Field UNSETTLD
Sig Noise Lvl S2-S3
Current Solar Image



<http://www.nonbh.com>
Copyright Paul L. Herrman 2023

3688

DX News

ARRL Logbook of The World®

ARRL announced on June 20th that **LoTW** will receive a major upgrade as part of the modernization of ARRL computer systems. LoTW will receive upgrades to the operating system, database system, and server hosting, where it will be migrated to the cloud. These changes will ensure LoTW performance meets future user demand.

LoTW will be **unavailable from June 27th to July 2nd**. It may come back before July 2nd if the upgrade is completed earlier than anticipated.

Please see the ARRL website at <https://www.arrl.org> for complete details.

-[KØCF June 20, 2025 (0620-0704)

3A, MONACO. Special event call sign **3A100A** will be QRV from **April 15th to June 30th** to commemorate the centenary of the IARU. Activity will be on 80 to 10 meters using CW, SSB, and various digital modes. QSL via LoTW.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

4U/ITU, ITU HQ. Station **4UØITU** is QRV **until the end of 2025** to commemorate the International Telecommunications Union's 160th anniversary. QSL direct to **4UØITU**.

-[ARRL DX Bulletin # 24 June 13, 2025] (0613-0704)

7P, LESOTHO. Mark, KW4XJ and Arina, KO4PZT are QRV as **7P8AB** and **7P8NB**, respectively, **until June 30th**. QSL via **KW4XJ**.

-[ARRL DX Bulletin # 24 June 13, 2025] (0613-0704)

8R, GUYANA. Aldir, PY1SAD is QRV as **8R1TM** **until July 10th**. Activity is on 160 to 6 meters using CW, SSB, and various digital modes, as well as on various Satellites, during the weekdays between 2300z and 0200z. QSL to **PY1SAD**.

-[ARRL DX Bulletin # 23 June 5, 2025] (0606-0711)

BY, CHINA. Members of the Hefei Youth DX Team will be QRV as **BI6DX/5** from Daqu Shan Island (AS-137) from **June 21st to 23rd**. QSL via LoTW.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0627)

BY, CHINA. Xixue Liu, BG5CZD will be QRV as **BG5CZD/5** from Zhousan Island (AS-137) on **June 20th and 21st**. Activity will be on the HF bands. QSL via LoTW.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0627)

CE9, ANTARCTICA. Alex, DL2ALY is QRV as **DPØGVN** **until December**. Activity is on 160 to 6 meters using SSB and FT8, and on Satellite QO-100. QSL via **DL4BBH**.

-[ARRL DX Bulletin # 23 June 5, 2025] (0606-0627)

CN, MOROCCO. Michel, F5LRL will be QRV as **CN2DX** near Kenitra from **June 25th to August 30th**. Activity is on 40 to 6 meters using CW, SSB, and FT8 generally during his early morning (0500-1000 UTC) and evening (1800-2200 UTC) hours. QSL via **F5LRL**.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0829)

DL, GERMANY. Special callsign **DMØLIMES** will be active from **May 1st to July 1st** for this year's German World Heritage Day (June 1st). Also active will be **DM3LIMES** on **May 31st - June 1st**. The Limes was the border line of the Roman Empire at its greatest extent. In 2005, the remnants of the Upper German-Raetian Limes were inscribed on the UNESCO World Heritage list as "Frontiers of the Roman Empire". QSL both via the bureau.

-[425DXN # 1773 April 26, 2025] (0425-0627)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of June 19, 2025:

1. P5	DPRK (North Korea)	11. VKØM	Macquarie Island
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. PYØS	Saint Peter And Paul Rocks
4. BV9P	Pratas Island	14. KP5	Desecheo Island
5. KH7K	Kure Island	15. VPØS	South Sandwich Islands
6. KH3	Johnston Island	16. ZL9	New Zealand Subantarctic Islands
7. 3Y/P	Peter 1 Island	17. FK/C	Chesterfield Islands
8. FT5/X	Kerguelen Island	18. VKØH	Heard Island
9. YVØ	Aves Island	19. FT/T	Tromelin Island
10. 3Y/B	Bouvet Island	20. EZ	Turkmenistan

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF June 20, 2025] (0620-0711)

EA8, CANARY IS. Mike, HB9MBS plans to be QRV as **EA8/HB9MBS** from Los Quemados from **June 1st to 29th**. QSL to **HB9MBS**.

-[ARRL DX Bulletin # 22 May 29, 2025] (0530-0704)

F, FRANCE. Special callsign **TM17KUQ** will be activated on Oleron Island (EU-032) by members of the Radio-Club de Cestas (F6KUQ) from **June 20th-23rd**. They will operate CW and SSB. QSL via [TM17KUQ](#).

-[425DXN # 1780 June 14, 2025] (0620-0627)

F, FRANCE. F2VX, F4WEO and F9IE will be active holiday style as **TM5RE** from Re Island (EU-032) on **June 16th-22nd**. They will operate SSB, CW, FT4 and FT8 ("normal, F/H, MSHV") on various bands. QSL via LoTW.

-[425DXN # 1780 June 14, 2025] (0613-0627)

F, FRANCE. Special callsigns **TM100I**, **TM100A**, **TM100R** and **TM100U** by the Radio Club Pierre Coulon (F5KMB) celebrate the centenary of the International Amateur Radio Union from **April 12th to July 13th**. QSL via eQSL only; paper cards will not be provided.

-[425DXN # 1771 April 12, 2025] (0411-0711)

FO, FRENCH POLYNESIA. Nobby, GØVJG, will be operating as **FO/GØVJG** from Bora Bora Island (OC-067) from **June 11th to 27th**. QSL via [MØOXO's OQRS](#).

-[DXNL # 2457 May 7, 2025] (0606-0627)

HI, DOMINICAN REPUBLIC. Members of the Radio Club Dominicano are QRV with special call sign **HI99RCD** until **June 30th** to celebrate the club's 99th anniversary. QSL via bureau.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0704)

I, ITALY. Domenico, IK1MNF will be active again as **IK1MNF/IA5** from Isola d' Elba (EU-028) from early June until the end of September. He will operate mainly SSB on 20-6 meters. QSOs will be uploaded to LoTW and ClubLog. QSL via [IK1MNF](#).

-[425DXN # 1778 May 31, 2025] (0606-0627)

J7, DOMINICA. Laurent, FM5BH will be active as **J79BH** from Dominica (NA-101) on **June 25th-29th**. He will operate SSB and CW on 80-10 meters. QSL via [ClubLog's OQRS](#), or direct to [FM5BH](#).

-[425DXN # 1781 June 21, 2025] (0620-0704)

JD1/O, OGASAWARA. Kou, JP1IHD is QRV as **JD1BQP** from Chichijima (AS-031) until **June 21st**. Activity is focused on 6 meters using SSB, FT8, and FT4. QSL direct to [JP1IHD](#).

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0627)

KH9, WAKE I. For **KH7AL/KH9**'s upcoming operating windows see: <https://kh7al.site/kh9-upcoming-activity/>.

-[DXNL # 2463 June 18, 2025] (0620-0704)

OE, AUSTRIA. Special callsign **OE7ØOE** celebrates the Austrian State Treaty of 70 years ago until the end of June.

-[DXNL # 2459 May 21, 2025] (0523-0627)

OHØ, ALAND IS. Kimmo, OH3DJP will be QRV as **OHØ/OH3DJP** from **June 24th to July 1st**. Activity will be holiday style on 160 to 10 meters, and possibly 6 meters. QSL via LoTW.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0704)

OJØ, MARKET REEF. Juuso, OH1JW is QRV as **OJØJW** while volunteering for the Finnish Lighthouse Society. Activity is in his spare time on various analog Satellites, mainly on RS-44. QSL via LoTW.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0711)

OK, CZECH REPUBLIC. Martin, OL5Y (OK1FUA) and Vaclav, OL9R (OK6RA) are very happy to have made it to WRTC 2026 and will be using the special callsign **OL26WRTC** during **2025 and 2026** as a celebration and promotion of that event. The 10th World Radio Sport Team Championship (<https://www.wrtc2026.org>) will take place in England on July 8-13, 2026. QSL via [ClubLog's OQRS](#), or direct to [OK6RA](#).

-[425DXN # 1781 June 21, 2025] (0620-0711)

OX, GREENLAND. Bo, OZ1DJJ will be active as **OX3LX** from two locations on the main island of Greenland (NA-018): Kangerlussuaq (GP47pa) on **June 5th-9th**, and Nuuk (GP44de) on **June 10th-22nd**. As always, this will be a working trip, and he will be QRV only in his spare time. QSL via [OZØJ](#), [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1778 May 31, 2025] (0530-0627)

PA, NETHERLANDS. Special event station **PA2Ø25NATO** will be QRV during the **month of June** to highlight the 2025 NATO Summit to be held in the Hague. QSL via bureau or direct to [PA2Ø25NATO](#).

-[ARRL DX Bulletin # 22 May 29, 2025] (0530-0704)

PA, NETHERLANDS. Peter, PD1RP is QRV with special event station **PD8ØFREE** **until June 30th** to celebrate the 80 years of liberation since World War II. Activity is on 40, 20, 10, and 2 meters using CW, SSB, and digital modes. QSLs sent to all contacts via the bureau. No QSL or request needed.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

T3Ø, WEST KIRIBATI. Members of the Rebel DX Group are QRV as **T3ØTTT** from North Tarawa **until September 8th**. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4 with up to 10 stations active. QSL via LoTW.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0905)

T8, PALAU. Nobu, JAØJHQ will be active again as **T88PB** from Koror (OC-009), Palau on **June 19th-23rd**, with main activity during the All-Asian DX CW Contest (June 21st-22nd). QSL via LoTW (preferred) or direct to [JAØJHQ](#).

-[425DXN # 1780 June 14, 2025] (0613-0627)

TG, GUATEMALA. Todd, AF4CZ is QRV as **TG9/AF4CZ** **until July 9th**. Activity is on 40 to 10 meters using FT8, FT4, and some SSB. QSL to [AF4CZ](#).

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0711)

TK, CORSICA. Pascal, F6UIG will be active as **TK2C** from Corsica (EU-014) on **June 9th-23rd**. He will operate CW and SSB on 40-10 meters. He could also be QRV as TK/F6UIG/p while doing some POTA activities. QSL via [F6UIG](#).

-[425DXN # 1779 June 7, 2025] (0606-0627)

UK, UZBEKISTAN. Rene, DL2JRM is QRV from the **UK8AXA** club station **until June 23rd**. Activity is on the HF bands using CW. This includes being an entry in the All Asian DX CW contest (June 21st-June 22nd). QSL via bureau.

-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0627)

UK, UZBEKISTAN. Vlad, R9LR, will be active as **UK/R9LR** from **June 24th to 27th** on HF and via QO-100 (CW, SSB, digital modes). QSL via [R9LR](#).

-[DXNL # 2463 June 18, 2025] (0620-0627)

V4, ST. KITTS & NEVIS. John, W5JON will be QRV as **V47JA** from St. Kitts (NA-104) from **June 15th to 24th**. Activity will be on 160 to 6 meters using SSB and FT8, with a focus on 6 meters. QSL via LoTW, or direct only to [W5JON](#).

-[ARRL DX Bulletin # 24 June 13, 2025] (0613-0627)

VE, CANADA. Pierre, VE3KTB will be active again as **VYØERC** from the Eureka Amateur Radio Club station on Ellesmere Island (NA-008) from **June 26th to July 24th**. He operates SSB, CW and FT8 on various bands when time permits. He plans to operate as **VYØRAC** during the RAC Canada Day Contest (July 1st). QSL via [MØOXO's OQRS](#) and LoTW.

-[425DXN # 1781 June 21, 2025] (0620-0725)

VE, CANADA. To celebrate the 65th anniversary of the Dobson Trail, Canada's longest volunteer-maintained trail, special event station **VC9DT** will be active **throughout June**. It will be operated by VE9ACC and friends from various locations along the 60-kilometer trail, including several WWFF (World Wide Flora & Fauna) sites. Operators will be QRV on multiple bands on SSB and FT8/FT4. See <https://www.qrz.com/db/VC9DT> for award information and further details. QSL via [VE9CF](#).

-[425DXN # 1777 May 24, 2025] (0530-0627)

VP5, TURKS & CAICOS IS. Fabian, J69FL is QRV as **VP5FL** from Providenciales Island while working here. Activity may be in his spare time on 80 to 10 meters using SSB. QSL to [J69FL](#).
-[ARRL DX Bulletin # 23 June 5, 2025] (0606-0627)

VP8, FALKLAND IS. Gerry, G3WIP is QRV as **VP8DPD** from Port Stanley (SA-002) **until July 12th**. Activity is mostly on 20 to 10 meters. QSL via [EA5GL](#).
-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0711)

VP9, BERMUDA. Chris, W6CPL is QRV as **W6CPL/VP9** **until June 22nd**. Weather permitting, he will operate on 40, 20, and 15 meters. QSL via LoTW.
-[ARRL DX Bulletin # 24 June 13, 2025] (0613-0627)

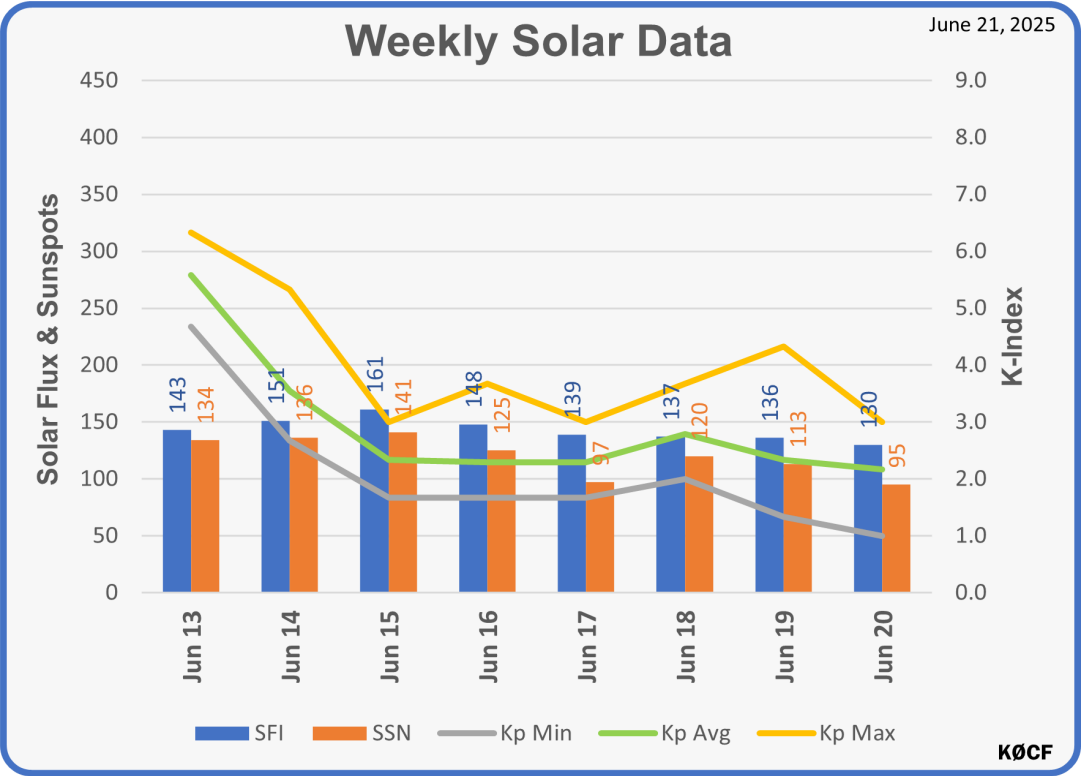
YJ, VANUATU. Bob, ZL1RS will be active as **YJØRS** from Efate (OC-035), Vanuatu on **June 11th-28th**. He will be QRV primarily on 6 meters FT8, with the main focus on ionospheric propagation and some activity on 10 meters if the Magic Band is closed. He will also be on 6m EME for about one hour at each moonrise and moonset. See https://www.qsl.net/zl1rs/yj0_eme.html for more information. QSL via LoTW, [ClubLog's OQRS](#), or via [ZL1RS](#).
-[425DXN # 1779 June 7, 2025] (0606-0627)

YV, VENEZUELA. A group of operators are QRV as **YW6M** from Chimana Segunda Island (SA-090) **until June 24th**. Activity is on 80 to 10 meters, and on various satellites. The island is part of POTA VE-0011. QSL direct to [W4DTA](#).
-[ARRL DX Bulletin # 25 June 19, 2025] (0620-0627)

ZL, NEW ZEALAND. Special callsign **ZL1ØØIARU** will be used by New Zealand's IARU member society, NZART, to celebrate the 100th anniversary of the International Amateur Radio Union **until July 31st**. QSOs will be uploaded to QRZ Logbook and LoTW.
-[425DXN # 1776 May 17, 2025] (0516-0801)

ZL7, CHATHAM IS. Holger, DL3IO is QRV as **ZL7IO** from Waitangi (OC-038) **until June 26th** while working on equipment repairs. He may be active as a Single Op/Single Band/Low Power 40 meter entry in the CQ WPX CW contest (May 24th-25th). QSL via LoTW, [ClubLog's OQRS](#) (preferred), or via [DK7AQ](#).
-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0627)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

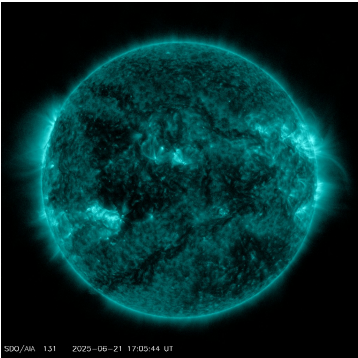
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, June 13th through yesterday, June 20th.

The average solar flux was 143, up 13 points from the previous week, with a weekly high of 161 on Sunday, June 15th, followed by a low of 130 on June 20th.

The average sunspot count was 118, up 10 from last week, peaking at 141 on Sunday, June 15th followed by a weekly low of 95 on June 20th.

The Planetary K-index weekly average was 4.0 with a maximum of 6.3 on Friday, June 13th, indicating a moderate geomagnetic storm. Yesterday's K-index maximum was 3.0 with generally quiet conditions.

Solar flare activity since June 14th has been moderate with 11 major flares, the largest of which was a major X 1.9 event on Thursday, June 19th.

Propagation Data

Major solar flares, Saturday, June 14th through 1255 UTC, June 21st.

#	Date	UTC	Mag.
1	Jun 19	2350	X 1.9
2	Jun 18	0000	M 1.5
3	Jun 17	2149	X 1.2
4	Jun 16	1455	M 1.1
5	Jun 16	1139	M 1.4
6	Jun 16	0938	M 6.3
7	Jun 16	0423	M 1.8
8	Jun 15	1807	M 8.4
9	Jun 15	1047	M 1.9
10	Jun 15	0756	M 2.2
11	Jun 14	2301	M 6.8

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Jun 21	65%	15%	130
Jun 22	65%	15%	130
Jun 23	65%	15%	130

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on June 16, 2025).

Date	Flux	Kp
Jun 21	138	2
Jun 22	135	2
Jun 23	125	3
Jun 24	125	4

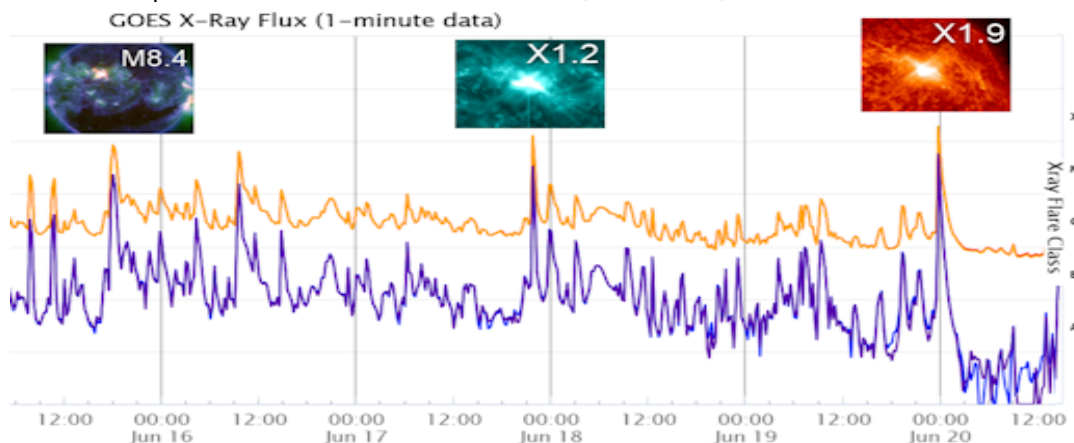
Date	Flux	Kp
Jun 25	130	5
Jun 26	125	5
Jun 27	125	4
Jun 28	120	3

Date	Flux	Kp
Jun 29	115	2
Jun 30	115	2
Jul 1	115	4
Jul 2	110	4

Solstice Solar Flares

As the solstice sun hangs high in the skies of the northern hemisphere, our planet is getting hit by solar

flares. In the past week there have been two X-class, one near-X, and dozens of lesser flares:



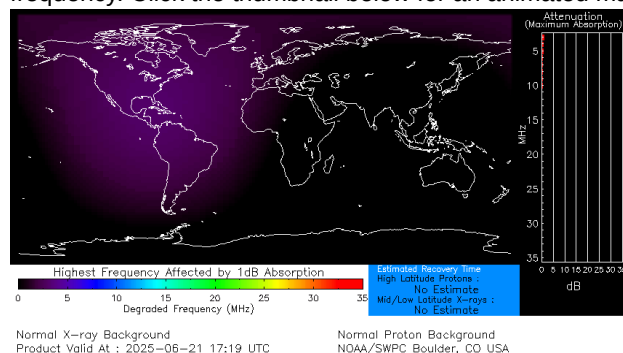
Each of the spikes in the graph above represents a pulse of X-radiation hitting Earth's upper atmosphere, ionizing the air at the edge of space. This has caused a rolling series of shortwave radio communication blackouts around our planet. The deepest blackouts occurred on June 15th ([North America](#)), June 17th ([Hawaii](#)) and June 19-20th ([Hawaii](#)). During those events, ham radio operators would have noticed loss of signal at frequencies below 25 MHz.

As northern summer begins, the flares are set to continue. Their source is unstable sunspot 4114, which will remain on the Earthside of the sun for a few more days before it disappears over the sun's western limb. Dates of special interest include June 23-24, when the sunspot will be magnetically connected to Earth via [the Parker Spiral](#). Any flares around that time will accelerate energetic protons directly toward our planet and could spark a [solar radiation storm](#).

(Copyright © [SpaceWeather.com](#) June 21, 2025. Republished by permission.)

Global D Region Absorption

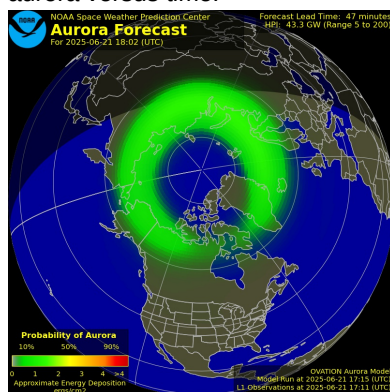
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by "back-scatter" and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of

aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.gsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
Stew Perry Topband Challenge	Jun 21	1500Z	Jun 22	1500Z	Rules
West Virginia QSO Party	Jun 21	1600Z	Jun 22	0400Z	Rules
ARRL Kids Day	Jun 21	1800Z	Jun 21	2359Z	Rules
His Maj. King of Spain Contest, SSB	Jun 28	1200Z	Jun 29	1200Z	Rules
ARRL Field Day	Jun 28	1800Z	Jun 29	2100Z	Rules
RAC Canada Day Contest	Jul 1	0000Z	Jul 1	2359Z	Rules
IARU HF World Championship	Jul 12	1200Z	Jul 13	1200Z	Rules
North American QSO Party, RTTY	Jul 19	1800Z	Jul 20	0600Z	Rules
CQ Worldwide VHF Contest	Jul 19	1800Z	Jul 20	2100Z	Rules
North American QSO Party, CW	Aug 2	1800Z	Aug 3	0600Z	Rules
WAE DX Contest, CW	Aug 9	0000Z	Aug 10	2359Z	Rules
Maryland-DC QSO Party	Aug 9	1400Z	Aug 10	0400Z	Rules
North American QSO Party, SSB	Aug 16	1800Z	Aug 17	0600Z	Rules
ARRL Rookie Roundup, RTTY	Aug 17	1800Z	Aug 17	2359Z	Rules
Ohio QSO Party	Aug 23	1600Z	Aug 24	0400Z	Rules
YO DX HF Contest	Aug 30	1200Z	Aug 31	1200Z	Rules
World Wide Digi DX Contest	Aug 30	1200Z	Aug 31	1200Z	Rules
Kansas QSO Party	Aug 30	1400Z	Aug 31	2000Z	Rules
Tennessee QSO Party	Sep 7	1700Z	Sep 8	0300Z	Rules
ARRL September VHF Contest	Sep 13	1800Z	Sep 15	0300Z	Rules
Scandinavian Activity Contest, CW	Sep 20	1200Z	Sep 21	1200Z	Rules
New Jersey QSO Party	Sep 20	1400Z	Sep 21	0159Z	Rules
Texas QSO Party	Sep 20	1400Z	Sep 21	2000Z	Rules
Wisconsin Parks on the Air	Sep 20	1600Z	Sep 20	2300Z	Rules

Washington State Salmon Run	Sep 20	1600Z	Sep 21	2400Z	Rules
New Hampshire QSO Party	Sep 20	1600Z	Sep 21	2200Z	Rules
North American Sprint, RTTY	Sep 21	0000Z	Sep 21	0359Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]